AMBROSE HORVÁTH

Associate Data Scientist

Ambro_@email.com
(123) 456-7890
Santa Barbara, CA
LinkedIn
facebook
twitter

EDUCATION

B.S.
Computer Science
Pepperdine University
2017 - 2021
Santa Barbara, CA
GPA: 4.0

SKILLS

- Machine and Deep Learning
- Statistical Analysis
- Processing Large Data Sets
- Data Visualization
- Mathematics
- Programming
- Data Wrangling

CERTIFICATIONS

- Open Certified Data Scientist (Open CDS)
- Google Data Machine Learning

CAREER OBJECTIVE

Conscientious and innovative data science Summa Cum Laude graduate with extensive skills and outstanding aptitude for learning. Seeking a challenging and career-building position at Northrop Grumman as an associate data scientist.

WORK EXPERIENCE

Data Scientist Intern

County of Ventura
2020 - current Ventura, CA

- Designed and implemented over 40 machine-learning models for different programs and projects
- Verified results of algorithms to predict future occurrences using real-world programs data with 82% precision
- Extracted raw data from Twitter APIs and analyzed tweets to generate analysis showing trends in public opinion regarding policy changes
- Developed a Java application that performed pattern analysis of criminal incidents to help identify and visualize hotspots (vulnerable areas) in the city

PROJECTS

Image Caption Generator Project in Python

Pepperdine - Senior Project
Aug 2021 - Dec 2021

- Designed and created an 2 applications to analyze images and convert to natural language (English) descriptions
- Utilized deep learning techniques to implement a convolutional neural network (CNN) with recurrent neural network (LSTM) to build the image caption generator
- Created application in Python using a Keras framework against a Flickr 8K dataset

Credit Card Fraud Detection Project

Pepperdine - Junior Project
Aug 2020 - Jun 2021

- Created 2 apps that classified credit card transactions into fraudulent and genuine, fit the models, and plotted performance curves
- Used R with algorithms such as Decision Trees, Logistic Regression, Artificial Neural Networks, and Gradient Boosting Classifier
- Created application in R against 6 credit card transaction databases